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Input data : JF1249798 D

PN - JP1249798 A 891005 DWB946  
AP - JP880076863 880330  
PR - JP880076863 880330  
PA - (FUJIF) FUJI PHOTO FILM KK  
PC - C07D251/30; C07J43/00  
PI - 2,4-Bis (O-methoxy polyethylene glycol- 6 - cholesteryl-6-triazine der  
- its deriv. useful for reinforcement of liposome structure obtd. with  
dispersion of lipid in water  
PB - J01249798 2,4-bis(O-methoxypolyethylene glycol )-  
6-cholesteryl-5-triazine deriv. (I) is claimed; where n = a number  
prescribed to give 5000 of mean mol. wt. of polyethylene glycol  
monomethylether part.  
USE/ADVANTAGE - The cpd. (I) is useful for the reinforcement of  
liposome structure obtained with dispersion of lipid in water.  
In an example, (A) cholesterol (1.35g) and Ag2CO3 (0.83g) are added to  
dried ether, and reacted with the cpd. (2) (500 mg) for 10 hrs. to  
form a mixt., which is filtered and purified with Sephadex G-100  
column to give the cpd. (I) (480 mg) with 180-192 deg.C of m.pt. The  
cpd. can be soluble to chloroform, methanol, ethanol and water.  
(B) Cholesterol (1.35g) is added to dried tetrahydrofuran (100 ml)  
and stirred with sodium hydride (0.16g) at room temp. for 40 min. to  
form a mixt., to which dimethylformamide soln. (30 ml) of the cpd. (2)  
(500 mg) is added and reacted for 10 hrs. to form a mixt., which is  
filtered and purified with Sephadex column to give the cpd. (I) (450  
mg). (3pp Dwg.No. 0/0)

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